# FEF Program Committee Selections 2013-2014

The Program Committee reviewed 23 proposals, with requests totaling $124,094. The committee is bringing to the Board for approval 17 proposals, 73% of submissions, totaling $68,995.

Falmouth School District

**Ready Freddy Kindergarten Club** Laney Cooke-Johnson $740.00 (F)
This grant will provide supplies for the "Ready Freddy Kindergarten Club," a 6-week summer program designed to help children who have not been involved with preschool or childcare programs to succeed in a new setting. Each 2-hour session, with parent and student participating, focuses on a different topic important to helping families transition to kindergarten and promote academic success.

**School/Community Connections** Tracy Crago $600 (P)
This grant will partially fund an initiative by VIPS to expand collaborations between the district and local businesses and non-profits. Specifically, this grant will support awards for exemplary student volunteerism and promotional materials for the new school-community programs.

**Math Parent Training** Mark Wilson $5,997.00 (F)
Funding from this grant will support a program composed of three evening trainings for parents and community members in the early fall, with the goal of providing an overview of in-depth information about the new K-6 math program to be selected by the district before the end of the 2012-13 school year. The trainings will be recorded and shown over local cable; the district will track and publish parent participation and utilize its all-call telephone system to broaden parent involvement.

North Falmouth Grades K-4 1/1 Proposals

**iPads in the Grade 4 Classroom** Colleen Durepo $3,575.00 (F)
This grant will purchase Apple iPads and related applications to support learning for disabled and struggling students. iPads are a very flexible tool for learning; apps such as Educreations, VoiceThread and Little Story Maker will allow students to use multimedia (voice, animation, images) to create and share their own stories and presentations, and more easily access difficult text. Apps also allow the teacher to easily monitor student work, not only at school, but also at home.

East Falmouth Grades K-4 1/3 Proposals

**Sensory Panels** Justine Dale $4,000 (F)
This grant will support an expansion of an FEF-funded "sensory playground" at East Falmouth Elementary School. Sensory panels are playground elements that are designed to provide auditory, visual, and physical challenges to students with developmental and learning issues. Playing with the panels helps to build social, physical, and problem-solving skills for students from all over the district whose Special Education programs are housed at East Falmouth School.

Mullen Hall Grades K-4 1/3 Proposals

**Mullen Hall Garden** Donna Noonan $5,350.00 (P)
Building on a prior grant, this project will expand the Mullen Hall School garden by creating an "open air classroom" for guideline-based instruction. Specifically, the grant will support "season extenders" to increase growing options throughout the school year; grow lights to allow for experiments both indoors and outdoors; Garden Exploration Kits (including thermometers, rain gauges, etc.); painted butterfly caterpillars; plants for observation and experimentation; and soil/composting materials.

Morse Pond School Grades 5-6 1/2 Proposals

**Science Laboratories for 5th and 6th Grades** Linda Werner $5,000 (P)
This grant will purchase science equipment and demonstration tables for two labs to be created over the summer in existing space at the Morse Pond School. Items to be purchased include hands-on materials for units on topics including electricity, energy, engineering, magnetism, earth science, and phytoplankton. Many items purchased can be reused (microscopes, magnets, weather instruments, etc.). Teachers have made collaborative connections with WHOI and Cape Light Compact, both of which have agreed to work with Morse Pond science students and teachers during the year.

Lawrence School Grades 7-8 3/4 Proposals

**Full STEAM Ahead** Karyn Phares $8,500 (P)
The proposal explains that STEAM is an acronym describing the integration of Science, Technology, Engineering, Arts, and Mathematics. The grant will partially fund equipment and materials for potter's wheels, kilns, and guest potters to work with students on projects which combine the art of ceramics with the science of clay, the engineering of product design, and the mathematics of problem-solving. The grant enables the creation of an after-school ceramics club, which will include community service projects.

**CNC Engineering** Laquidara/Porto $9,503.00 (F)
This grant will expand the CAD (computer aided design) technology available to middle school engineering students to include CNC (computer numerical control) woodworking tools. With CNC tools, students will be able to design a product on their computers, and then program a milling machine to cut it out. This technology is now standard in the workplace, and it combines skills in industrial design, computer programming, woodworking, and engineering. CNC equipment will be an enhancement to the FEF-funded equipment now used in the Lawrence engineering program.

**Books for Kindles** Kathy Rodriguez $1,500 (F+)
Last year, FEF funding supported the purchase of Kindle e-readers, which were successfully used in Reading Labs with struggling readers. This year, a grant (larger than the amount requested) will go to support the purchase of Amazon gift cards to purchase e-books for use by students participating in the Battle of the Books program. Additional funding will support purchase of Kindles as well as covers to protect existing Kindles and replacements for lost/damaged power cords.

Falmouth High School Grades 9-12 7/9 Proposals

**Connecting Students with Writers** Barbara Stephens $1,200 (F)
This grant will underwrite the fee for a writing instructor from the Boston-based Grub Street Writers, the second largest independent center for creative writing in the United States, to facilitate three teen writing workshops for up to 60 Falmouth High School students. This program, open all FHS students, will also help expand the previously-funded Gifford Street Writers (an after-school writing club) and their publication, *The Shoal*.

**Graphic Design at Falmouth High School** John Holladay $5,915 (F)
The grant will, once again, support large-scale graphic arts projects created by FHS students. Last year, students created murals in Falmouth's schools. This year, students will create a series of projects based on the concept "BIGGER and BOLDER is BETTER." Projects will include large scale murals for school libraries, for the Lawrence School, and for Falmouth High School based on themes approved by faculty, staff, and administration.

**Marine Debris Service Learning Project** Cheryl Milliken $821 (F)
Students from the Marine Ecology course will collect, assess, and describe human-created debris at two Falmouth beaches. They will then work with FHS ceramics students to create a three-dimensional sculpture using the debris, which will be displayed prominently at major school events such as the science fair to generate awareness of human impacts on the ocean environment.

**Tigers By the Sea** Jane Baker/Corine Adams $5,429.00 (P)
In collaboration with Teaticket School, the National Art Honor Society, and the Woods Hole Aquarium/NOAA, FHS will engage its art students in the creation of a large scale tile mural on the theme of oceans and habitat. The mural will be created for and placed in the new Teaticket kindergarten playground. In order to research images and content for the project, FHS and Teaticket students will conduct a field trip to the Woods Hole Aquarium, where they will begin the creation of drawings and three-dimensional mural elements.

**Art Meets Science** Corine Adams $2,500.00 (P)
Building on the success of last year's collaboration, this grant will support a new collaboration between FHS art students and WHOI educators and scientists. In 2013-14, Clay 2 and 3 students will visit WHOI to learn firsthand about challenges facing ocean life. They will also collect debris (pollutants such as plastics, metal, glass, and rubber) from local beaches. Ceramic projects to be created include realistic sculptures of marine creatures; functional pottery items based on marine forms; and sculptures which incorporate a message related to ocean sustainability. Completed works will be displayed at WHOI.

**STEMinar** Tricia Bourgeault $7,350.00 (F)
Funds for this project will support the development of an upper level STEM class, STEMinar, which will provide students with an opportunity to put STEM learning to work in a unique "flipped" classroom scenario. In a "flipped" classroom, students watch videotaped classroom lectures and presentations at home, thus freeing up time at school for hands-on work and experiments which, in the past, would be thought of as "homework." Funds will support the creation of a video library of presentations by teachers and outside experts on topics ranging from marine science to wind energy.

**Wellness Lab** Kaitlin Hackett $1,015.00 (F)
This grant will support the creation of a "Wellness Lab" to help students, through hands-on activities, build awareness and understanding of the impact of nutritional choices and exercise on risk of diseases such as type II diabetes, cancer, and hypertension. Included under this grant are visual and hands-on teaching tools associated with a program called the Eat Well, Live Well Challenge.